



Name : Mr. S. Karthikeyan
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1. Educational Qualification:

Degree	Branch/Specialization	Institute/University	Year of passing
M.Tech	Structural Engineering	B.S.Abdur Rahuman University, Chennai	2013
B.E	Civil Engineering	Dr.Sivanthi Aditanar College of Engineering, Tiruchendur.	2009
D.C.E	Civil Engineering	K.L.N Polytechnic College, Madurai.	2006

2. Professional/Industry Experience:(in chronological order)

Sl. No.	Designation	Institute/Organization	Period	
			From	To
1	Assistant Professor	Vaigai College Of Engineering, Madurai.	Aug 2021	Till Date
2	Assistant Professor (Senior Scale)	Hindustan Institute of Technology and Science, Chennai.	July 2017	May 2020
3	Assistant Professor	Velammal Engineering College, Chennai.	June 2015	April 2017
4	Assistant Professor	SKR Engineering College, Chennai.	July 2013	April 2015
5	Site Engineer	Sobha Developers Ltd, Hyderabad.	July 2010	June 2011
6	Site Engineer	Shree Mahalakshmi & Co, Coimbatore.	June 2009	May 2010



3. Research Interest:

Construction and Demolition waste, Recycled aggregate.

4. Journal Publications (add patent if any):

- a. Published a Journal paper on “**Assessment of Meteorological Parameters for Flat Terrain Condition by using AERMET a Pre-processor Dispersion Model**” at Research Journal of Chemistry and Environment, Volume 24 (8), August 2020.
- b. Published a Journal paper on "**Characteristic strength comparison in concrete by the by the influence of fibrous materials**" at “International Journal of Civil Engineering and Technology” journal, Volume 8, Issue 8; August 2017.
- c. Published a Journal paper on "**Experimental study of Ancient admixture and natural fibre in concrete**" at “International Journal of Research in Engineering and Technology” journal, Volume 4, Issue 12; December 2015.

5. Participation in Seminars/FDP/Workshop/Conference/Webinar:

Sl. No.	Title of the event	Attended/Organized	Date	
			From	To
	<u>Workshop Organised</u>			
1.	Workshop conducted on the topic of “ Chemical Admixture uses in Modern Concrete ” Chief Guest “ Mr. S. DuraiMurugan, Sr Regional Concrete Manager, FOSROC INDIA , dated on 6 th March 2020 at Hindustan Institute of Technology and Science.	Organised	6 th March 2020	6 th March 2020
	<u>Short term course</u>			
2	Participated in an AICTE sponsored Short Term Course on “ Advanced Concrete Technology ” organized by Department of Civil Engineering from 18 th November to 23 rd November 2019 at IIT MADRAS	Attended	18 th Nov 2019	23 rd Nov 2019



	<u>Teacher Training Program</u>			
3	Faculty Induction Program was conducted by Teaching Learning Center (TLC) of IIT Madras from 6-30 th November 2017 under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme of MHRD.	Attended	6 th Nov 2017	30 th Nov 2017
	<u>MOOC COURSE</u>			
4	Elite certificate awarded for successfully completed the course “Advanced Concrete Technology” by NPTEL Online Certification , funded by Ministry of HRD, Govt of India.	Successfully Completed		
	<u>FDP</u>			
5.	Faculty development program entitled “Advanced Concrete Technology” for one and half days in NPTEL Online certification , Ministry of HRD, Govt of India , 2019.	Attended		
6.	Faculty development program entitled “Analysis and Design of Engineering Structures using Softwares” conducted by department of Civil engineering on 6 th and 7 th June 2019 at Hindustan Institute of Technology and Science.	Attended	6 th June 2019	7 th June 2019
7.	Faculty development program entitled “GIS Application in Water Resources and Coastal	Attended	8 th Jan 2018	10 th June 2018



	<p>Management” conducted by department of Civil engineering on 08th January to 10th June 2018 at Hindustan Institute of Technology and Science.</p>			
8.	<p>Faculty development program entitled “Health Monitoring of Structures” conducted by department of Civil engineering on 12th December to 14th December 2018 at Hindustan Institute of Technology and Science.</p>	Attended	12 th Dec 2018	14 th Dec 2018
9.	<p>Faculty development program on “CE 6602 – Structural Analysis - II” approved by AICTE & Affiliated to Anna University on 5th, 9th to 11th, 13th&15th 2016 at Panimalar Engineering college.</p>	Attended	5 th 2016	15 th 2016
10.	<p>Faculty development program on “Soil & Foundation” approved by AICTE & Affiliated to Anna University on 19th December 2014 at SKR Engineering college.</p>	Organised	19 th Dec 2014	19 th Dec 2014
	<u>Conference</u>			
11.	<p>Participated in International Conference on “Smart Technologies and Green Environment” held on 24th March, 2017 at Velammal Engineering College, Chennai.</p>	Attended	24 th March 2017	24 th March 2017



12.	Presented a paper on “ Experimental investigation on performance of reinforced concrete beam-column joint ” in the National Level Technical conference conducted by P.S.R college of Engineering,Sivakasi, Virudhunagar.	Presented		
13.	Participated in National conference on “Innovative Solutions for sustainable construction, ISSC’13” held during 02 – 03 May 2013, organized by B.S. AbdurRahuman University, Vandalur, Chennai.	Attended	2 nd May 2013	3 rd May 2013
14.	Participated in National conference on “Sustainable and Emerging Technologies in Civil Engineering” held on 3 rd & 4 th May 2012 at B.S.AbdurRahuman University, Chennai.	Attended	3 rd May 2012	4 th May 2012
15.	Presented a paper on “ High performance concrete ” in the National Level Technical Symposium conducted by K.L.N. polytechnic college, Madurai.	Presented		
	Workshop			
16.	Two-day SPARC workshop on “ Sustainability and Durability of Concrete Structures with By-	Attended	17 th Jan 2020	18 th Jan 2020



	<p>products and Recycled Materials” organized by IIT Madras Research park, Chennai, India funded by SPARC and MHRD on 17th and 18th January, 2020.</p>			
17.	<p>National Workshop on “Reinventing Civil Engineering Research through Data-driven AI Models” organized by school of Mechanical and Building Sciences at VIT Chennai on 13th December 2019.</p>	Attended	13 th Dec 2019	13 th Dec 2019
18.	<p>Workshop attended on “Trending Environmental Software” organized by Department of Civil engineering of Hindustan Institute of Technology and Science on 5th and 6th December 2019.</p>	Attended	5 th Dec 2019	6 th Dec 2019
19.	<p>Workshop attended on “Application of Robotics and Automation in Civil Engineering” organized by Department of Civil engineering of Hindustan Institute of Technology and Science in association with IAARC International Association for Automation and Robotics in Construction, Chennai on 26th, 27th and 28th June 2019.</p>	Attended	26 th June 2019	28 th June 2019
20.	<p>Workshop attended on “Architectural Aerodynamics and Wing Engineering” organized by department of Civil engineering on</p>	Attended	11 th July 2018	11 th July 2018



	11 th July 2018 at Hindustan Institute of Technology and Science.			
21.	One-day workshop attended on” I CONQUER ” by Department of Human Resources, an activity based initiative by, Velammal Engineering College on 28 th January 2017.	Attended	28 th Jan 2017	28 th Jan 2017
22.	One-day workshop attended on” ISRO Satellite Remote Sensing Based Societal Applications on the Web ” conducted by ISRO, Department of Space, an activity based initiative by, RRSC – ISRO – ISITE on 25 th November 2016 at Velammal engineering college, Chennai.	Attended	25 th Nov 2016	25 th Nov 2016
23.	Three-day workshop attended on “ ETABS & Highrise Building Designing ” (Structural Engineering Software), conducted by ECONSTRUCT Design & Build Pvt Ltd on 8 th July 2013 to 10 th July 2013 at M/S ECONSTRUCT Design & Build Pvt Ltd. Bangalore, Karnataka.	Attended	8 th July 2013	10 th July 2013
24.	National workshop attended on “ Aspects of Earthquake Disaster Mitigation and Management, AEDM’13 ” held during 17 th to 19 th April 2013 organized by Department of Civil Engineering, School of Infrastructure, B.S. AbdurRahuman	Attended	17 th April 2013	19 th April 2013



	University, Vandalur, Chennai.			
	WEBINAR ATTENDED			
25.	<p>WEBINAR on “Performance based Specification for Concrete in Public Works – Challenges and way forward” Presented by Dr. B.S. Dhanya Associate Professor, Rajeev Gandhi Institute of Technology, Govt. Engineering College Kottayam. Organized by Kerala Highway Research Institute (Kerala PWD) in association with IIT Madras on 24.04.2020.</p>	Attended	24 th April 2020	24 th April 2020
26.	<p>WEBINAR on “Achieving Concrete Durability: Beliefs, Myths and Reality” Presented by Dr.K. Sivakumar, Deputy General Manager, L&T Construction. Organized by Kerala Highway Research Institute (Kerala PWD) in association with IIT Madras on 25.04.2020.</p>	Attended	25 th April 2020	25 th April 2020
27.	<p>WEBINAR on “Design of Sustainable Rigid Pavements: An FRC Experience” Presented by Dr.Sunitha K Nayar, Assistant Professor, IIT Palakkad. Organized by Kerala Highway Research Institute (Kerala PWD) in association with IIT Madras on 25.04.2020.</p>	Attended	25 th April 2020	25 th April 2020



28.	WEBINAR on “ Superplasticizers and their Use in Indian Climate Conditions ” Presented by Dr. Elson John, Associate Professor, MA College Kothamangalam. Organized by Kerala Highway Research Institute (Kerala PWD) in association with IIT Madras on 26.04.2020.	Attended	26 th April 2020	26 th April 2020
29.	WEBINAR on “ Recycled Aggregates for Sustainable Road Construction ” Presented by DrSurennder Singh, Assistant Professor, IIT Madras. Organized by Kerala Highway Research Institute (Kerala PWD) in association with IIT Madras on 28.04.2020.	Attended	28 th April 2020	28 th April 2020

9. Membership in Professional Societies

- Life time membership in “**Indian Concrete Institute (ICI)**” – Life Member no(12810).
- Life time membership in “**The Institution of Engineers (India)**” - Life Member no(M-166536-1).